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Product Datasheet

Anti-Influenza B 9901 SPTNZ-5
100117

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Product Name	Anti-Influenza B 9901 SPTNZ-5
Catalog Number	100117
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA, LF
Brand	Medix Biochemica
Form/Appeara	Liquid, may turn slightly opaque during storage
Concentratior	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG2b
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 1.1 x 10^{9} 1/M; KD= 8.7 x 10^{-10} M (=0.9 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.05 % Sulfobetaine, 0.095 % NaN3 as a preservative
IEF Profile	6.2–7.2
Cross Reactivity	Recognizes Influenza B/Yamagata clade 3, Influenza B/Victoria clade 1A, clade 1A (?2), and clade 1A (?3). Does not recognize Influenza A (H3N2) group 3C.2a1b and group 3C.3a, Influenza A (H1N1)pdm09 group 6B.1A1 and group 6B.1A5; Coxsackie -virus types: A9, B5, B6; Echo-virus types: 2, 3, 6, 7, 9, 11, 25, 30; Parainfluenza-virus types: 1, 2, 3; Rhino-virus types: 1A, 2, 13, 15, 37; Respiratory syncytial virus types: A and B; Cytomegalovirus AD169; Herpes simplex virus- types: 1 and 2. B. fragilis, H. influenzae, S. pneumoniae, M. catarrhalis, N. meningitides, S. agalactiae, E. faecalis, K. pneumoniae, S. pyogenes, S. aureus, P. aeruginosa, E. coli, B. pertussis, C. albicans, N. gonorrhoeae, ß-hemolytic streptococcus group C, ß-hemolytic streptococcus group G, M. pneumoniae, S. viridians, L. monocytogenes, S. epidermidis, P. mirabilis
Specificity	Antibody recognizes Influenza B nucleoprotein (np)
Matched Pairs	The following pairs are especially recommended for the specified assays: FIA: V1161 (capture) - HM424 (detection), V1171 - HM424, V1161 - V1131, V1171 - V1131, 9901 – 9901 LF: V1131 (membrane) - V1161 (particles), HM424 - V1161, 9901 - V1161, HM424 - V1171, 9901 - 9901
Shelf Life	36 months

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References

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